

FIG. 1A



FIG. 1B

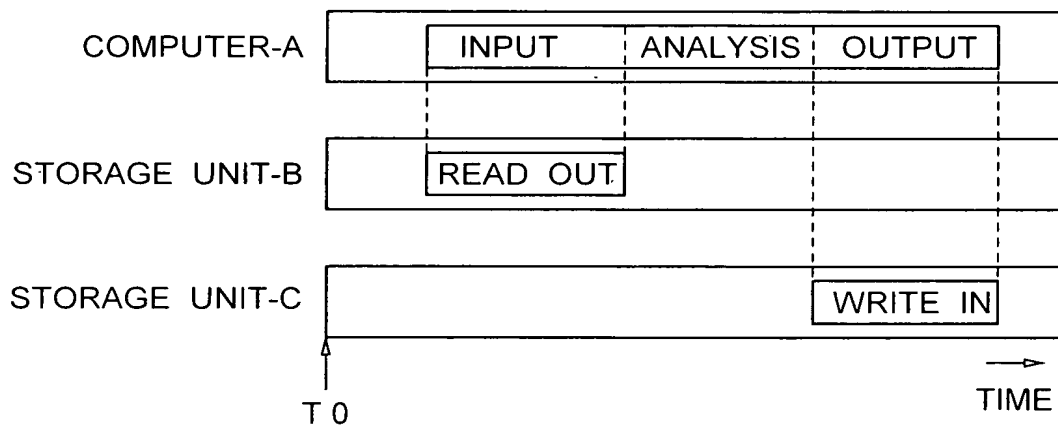


FIG. 2

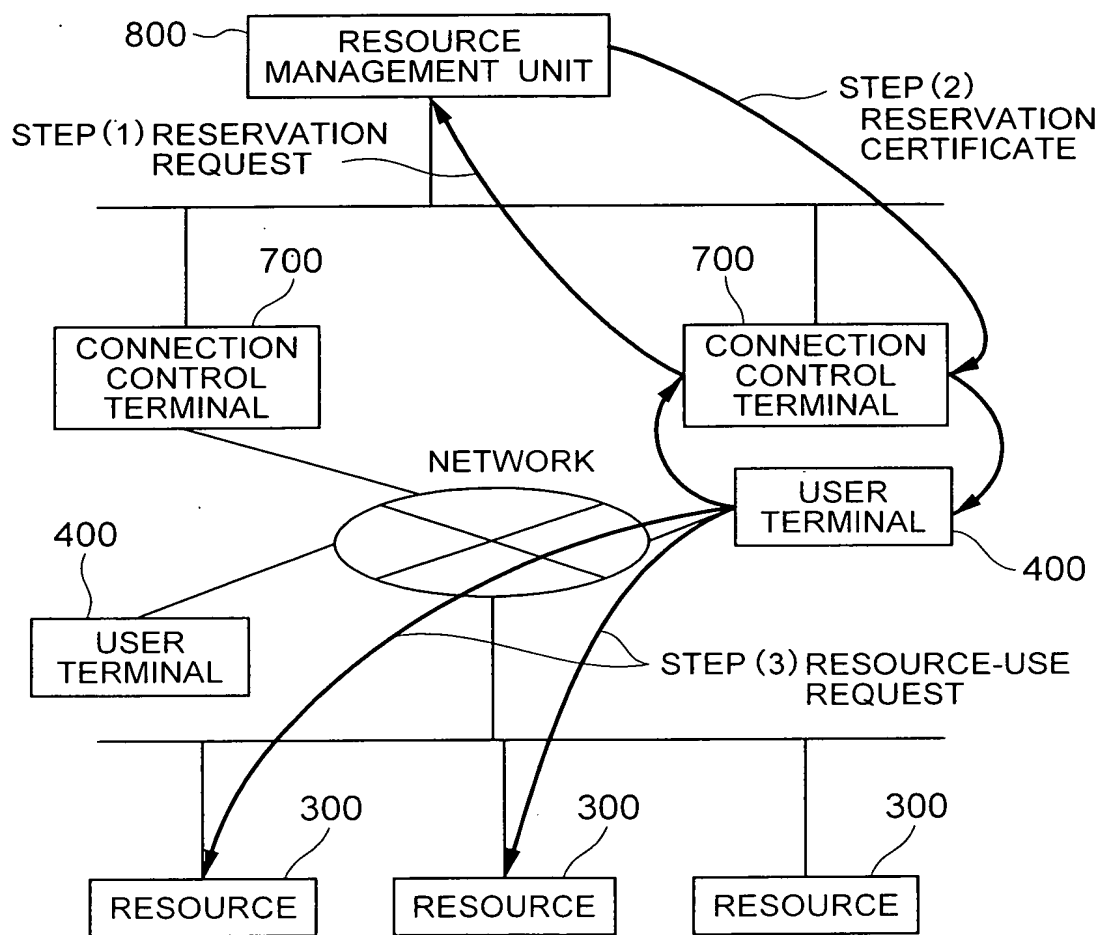


FIG. 3

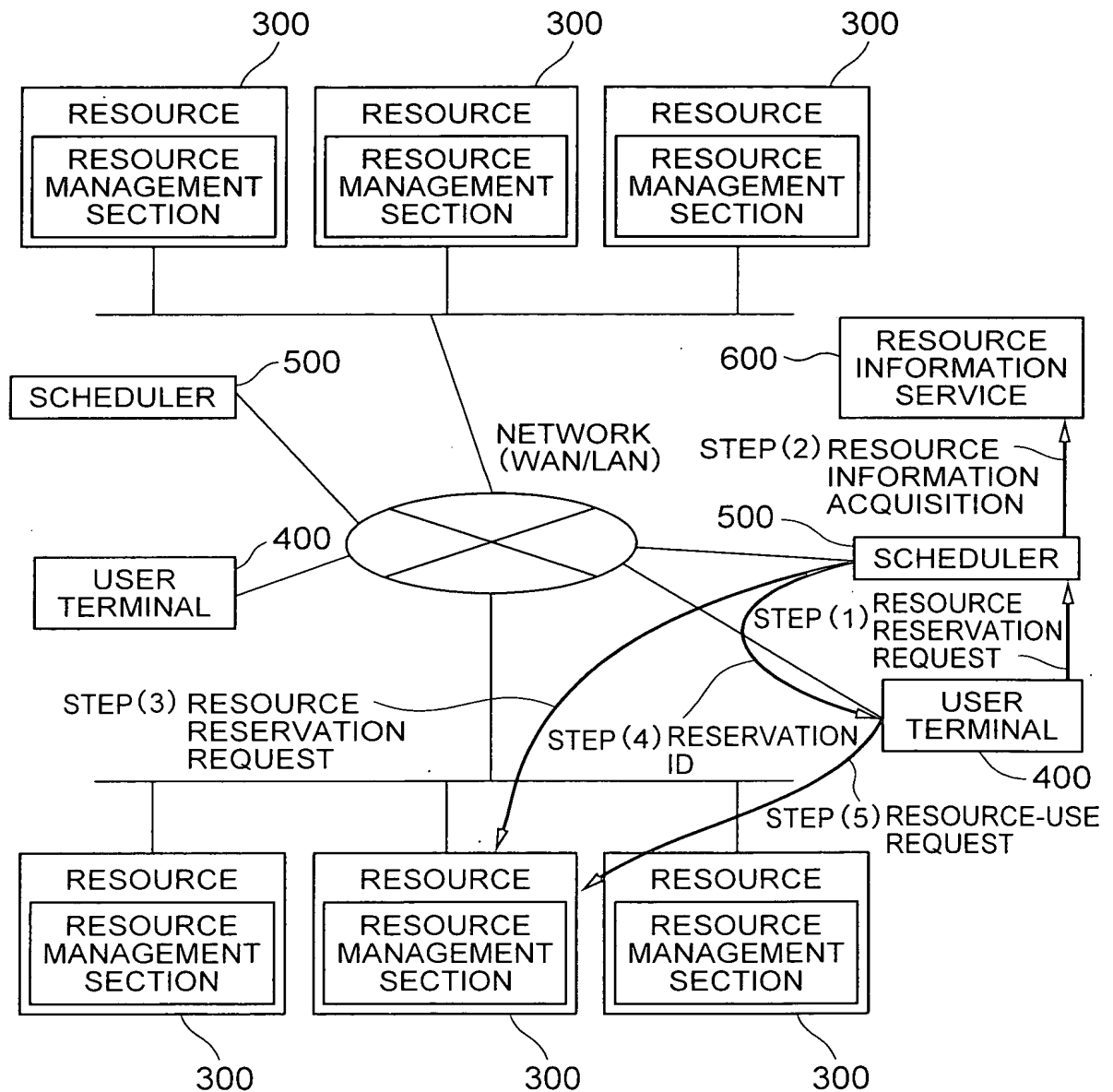
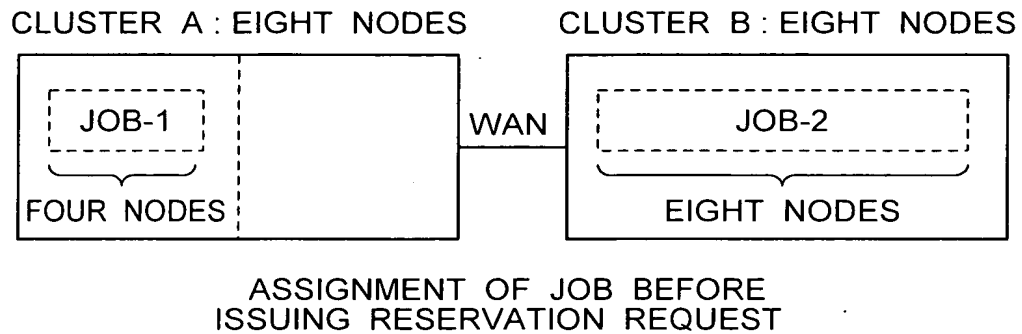
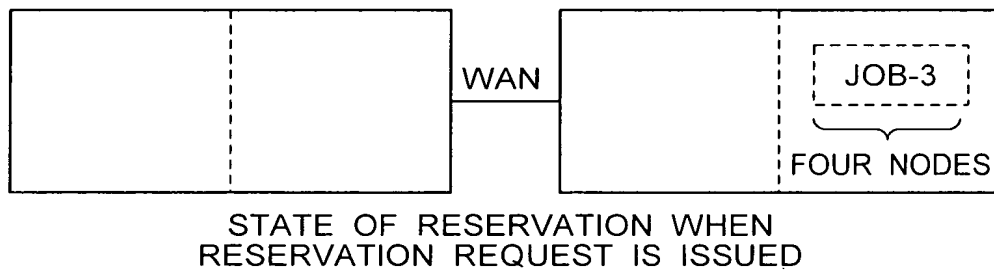


FIG. 4

(A)



(B)



(C)

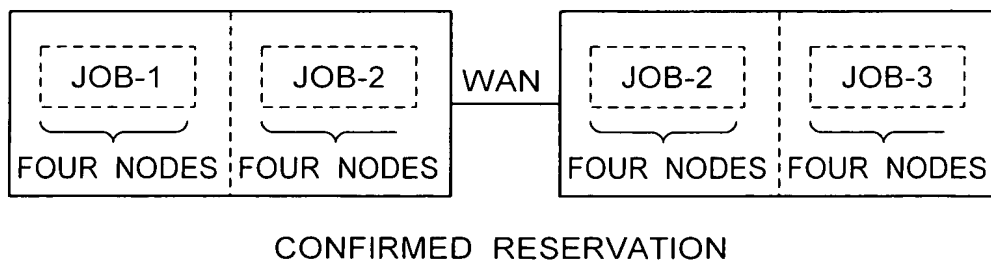


FIG. 5

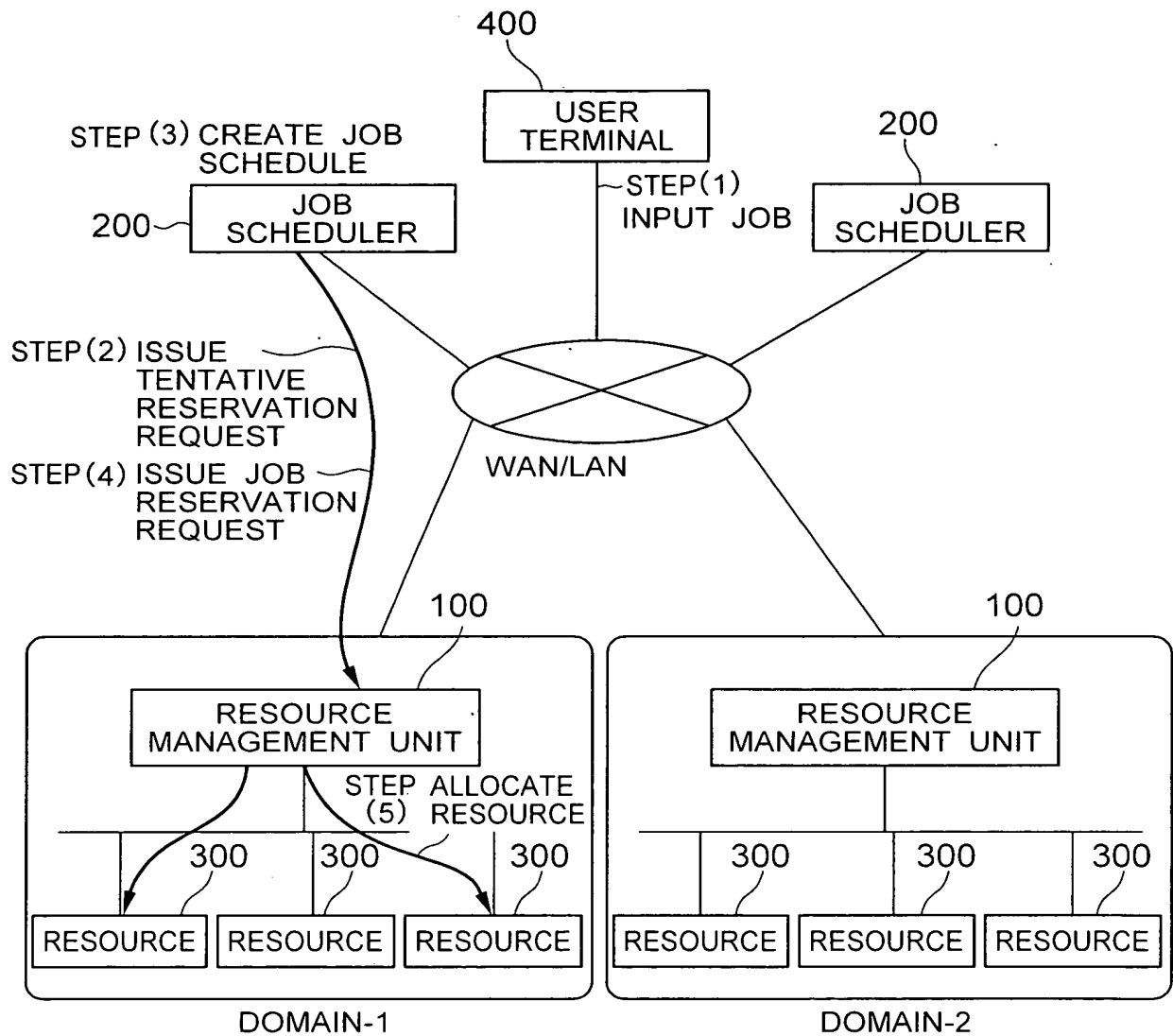


FIG. 6

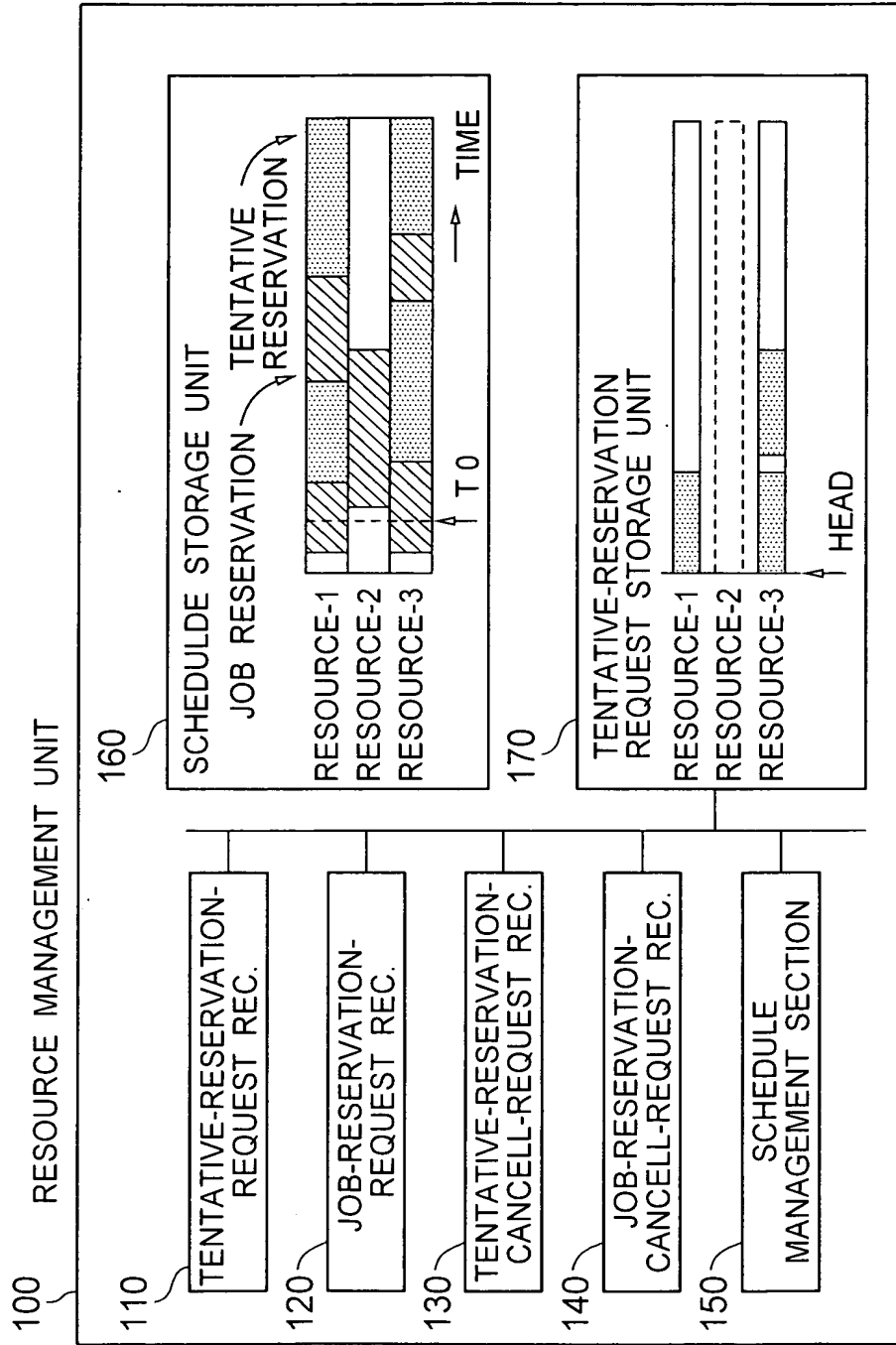


FIG. 7

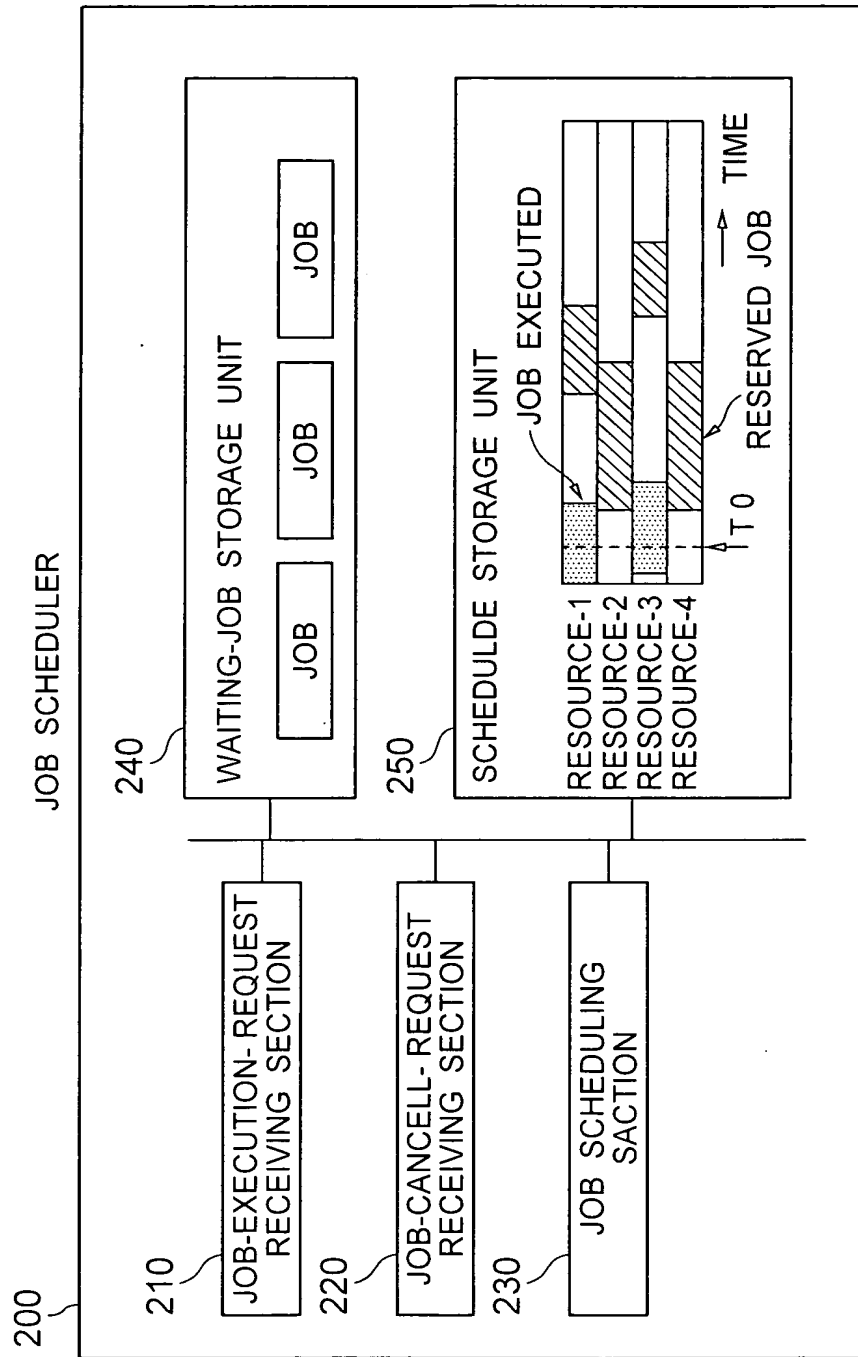


FIG. 8

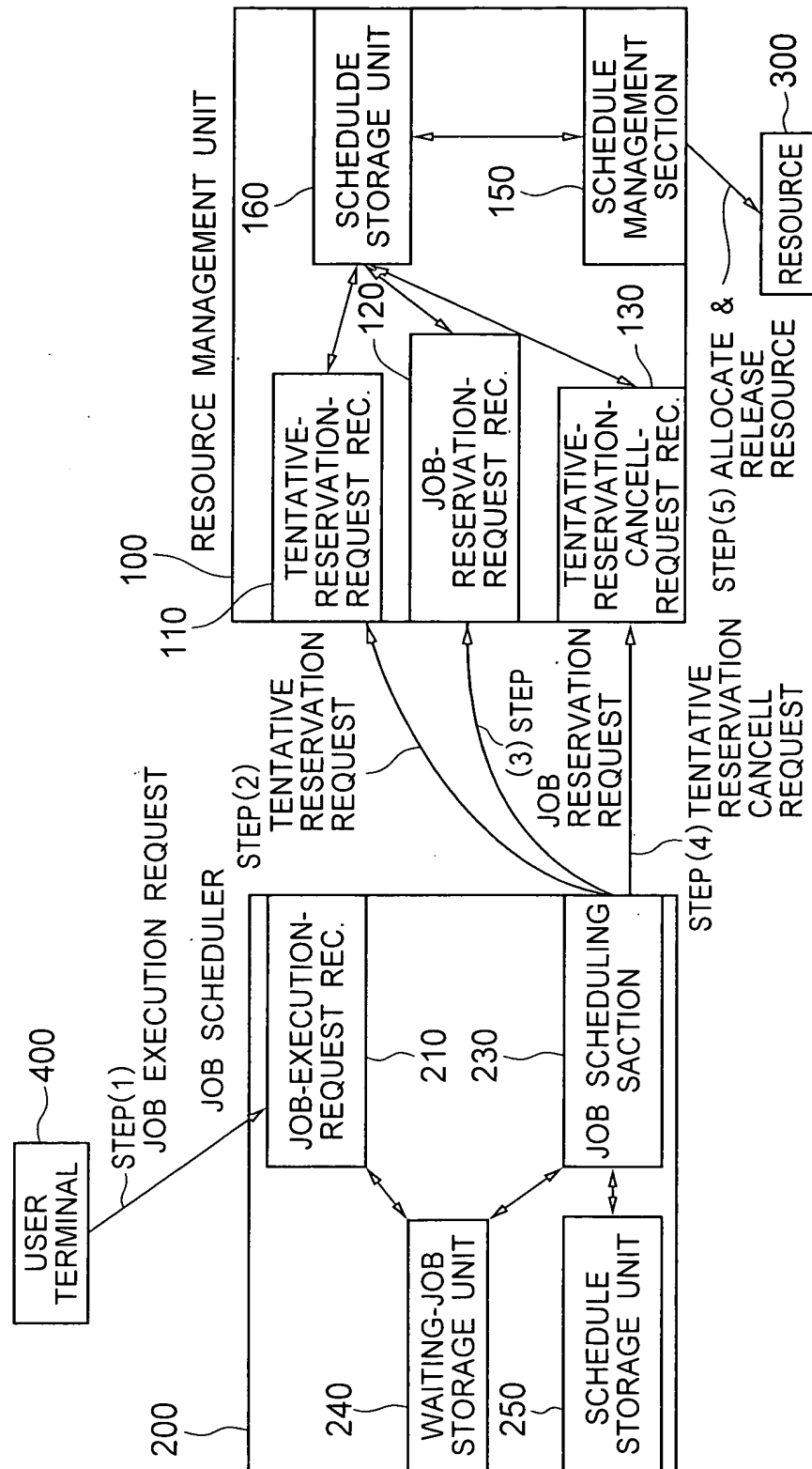
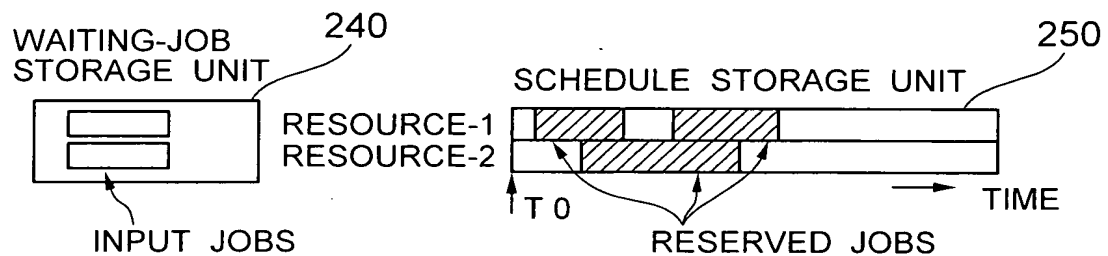
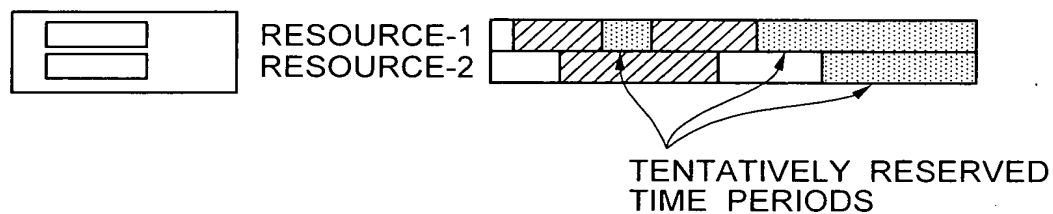


FIG. 9

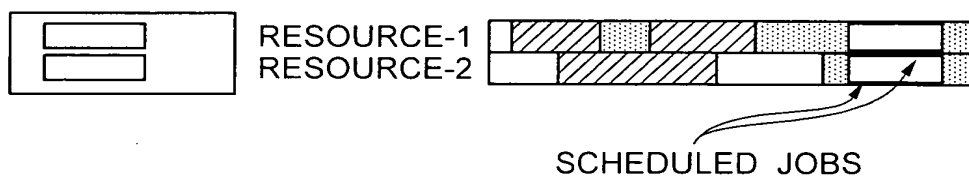
(A)



(B)



(C)



(D)

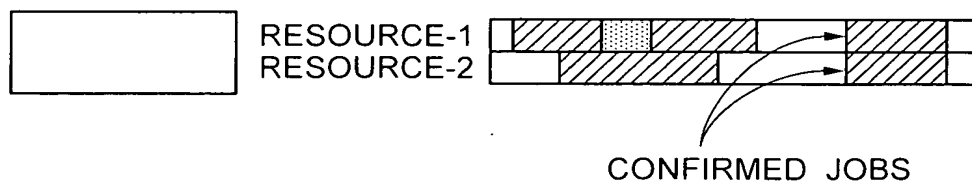


FIG.10

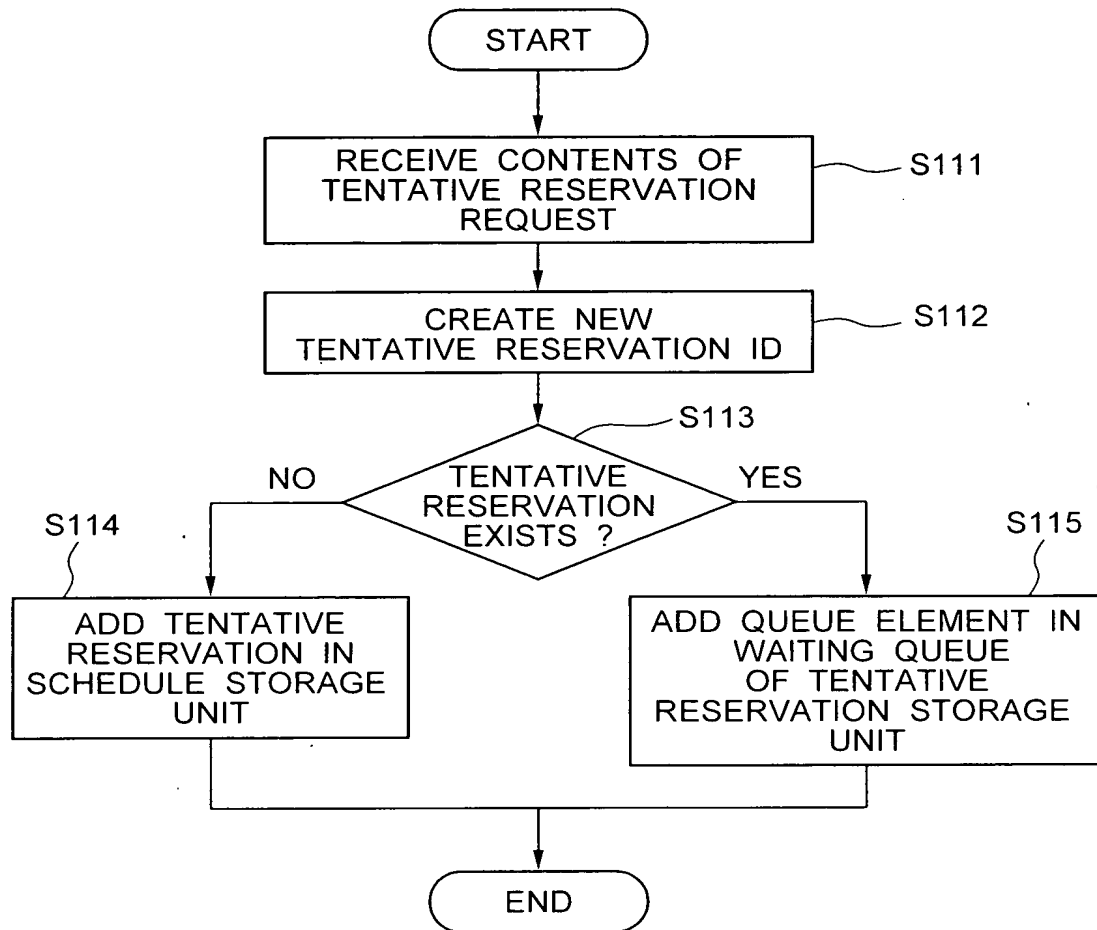


FIG.11

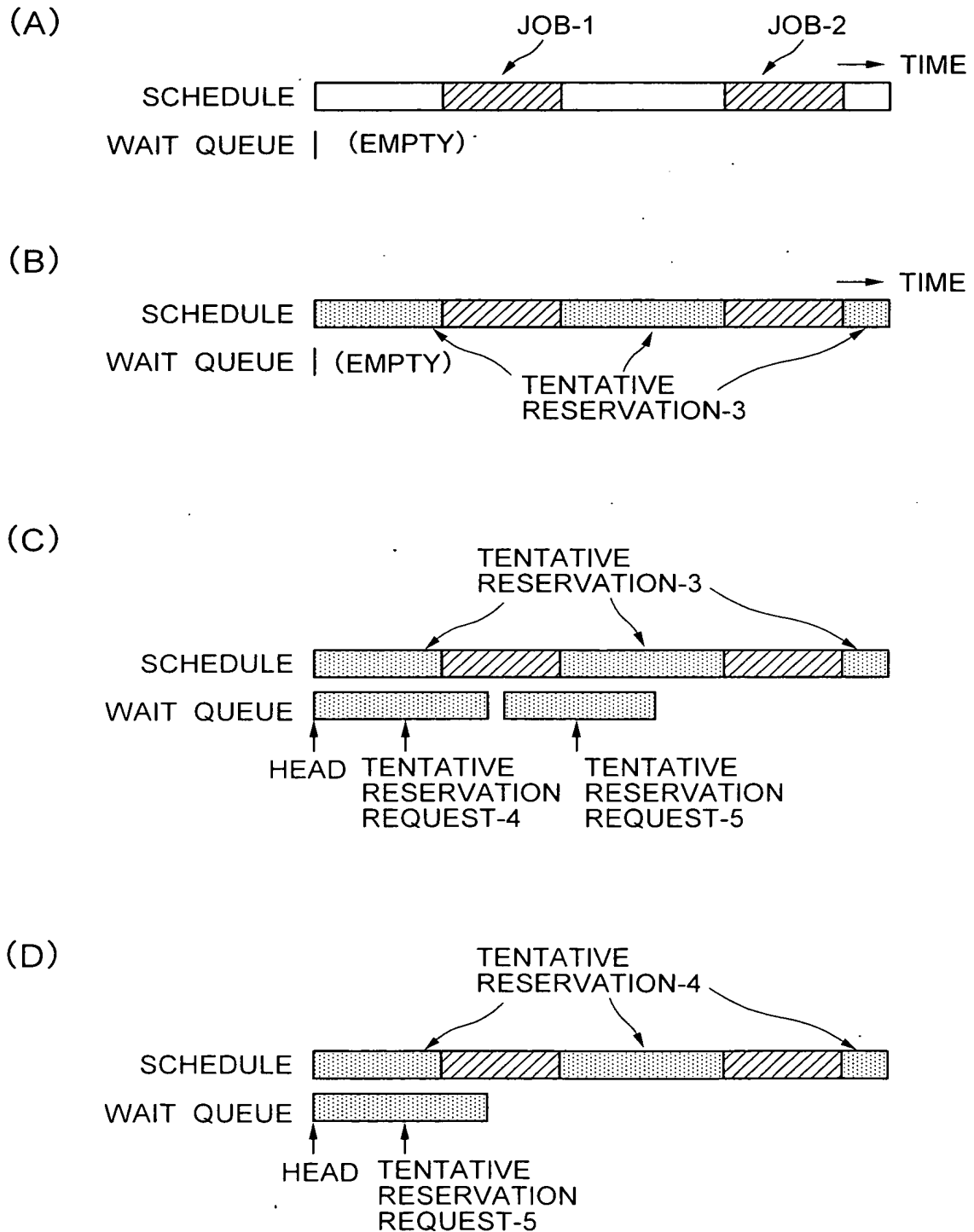


FIG.12

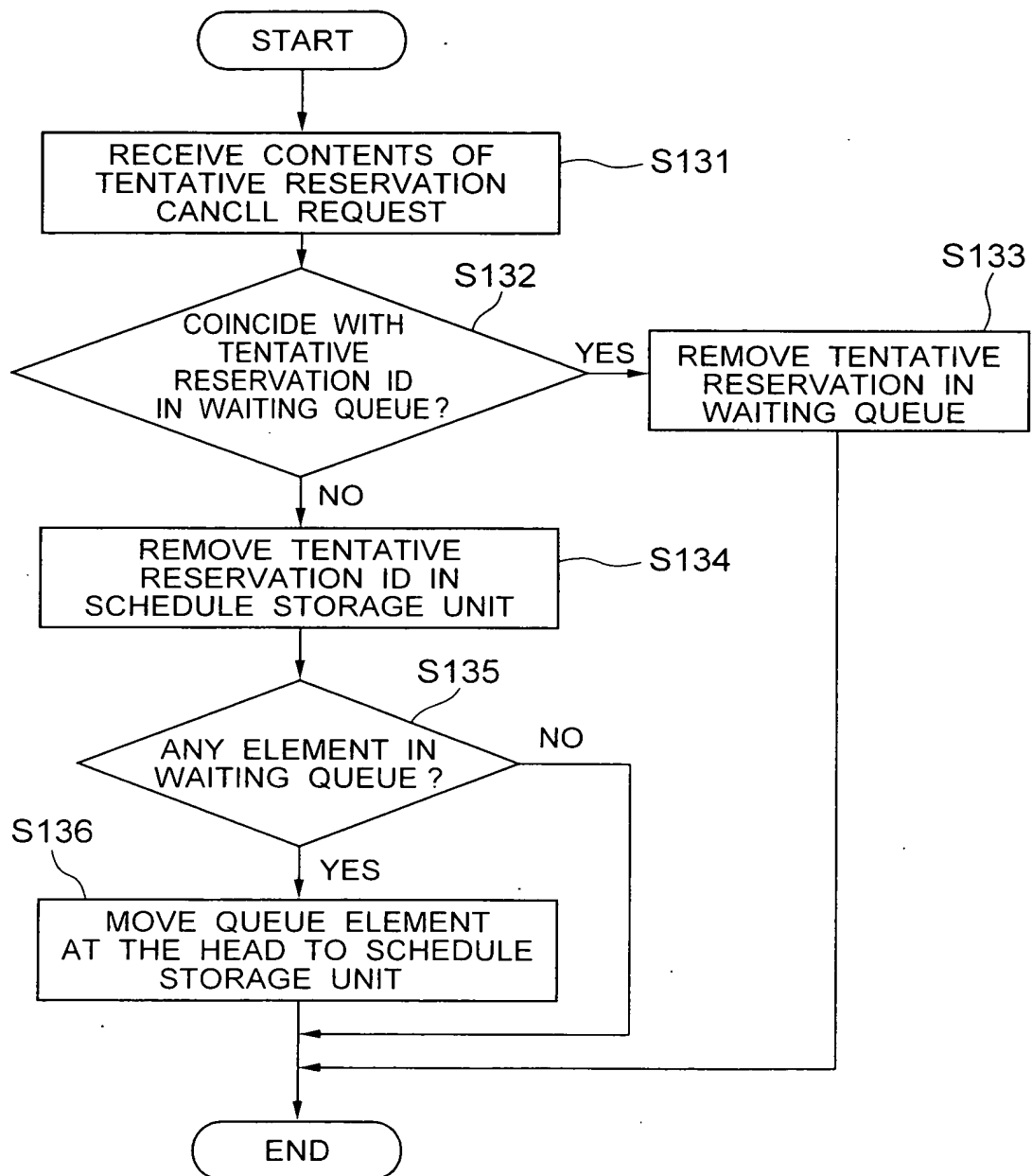


FIG.13

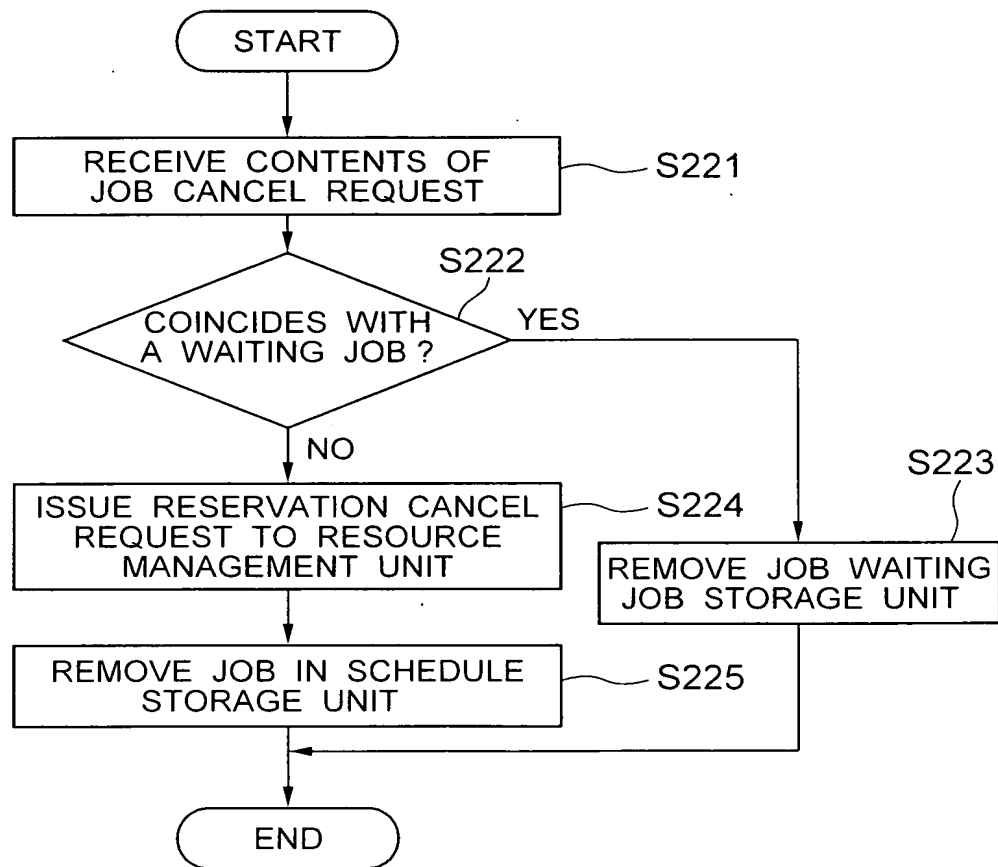


FIG.14

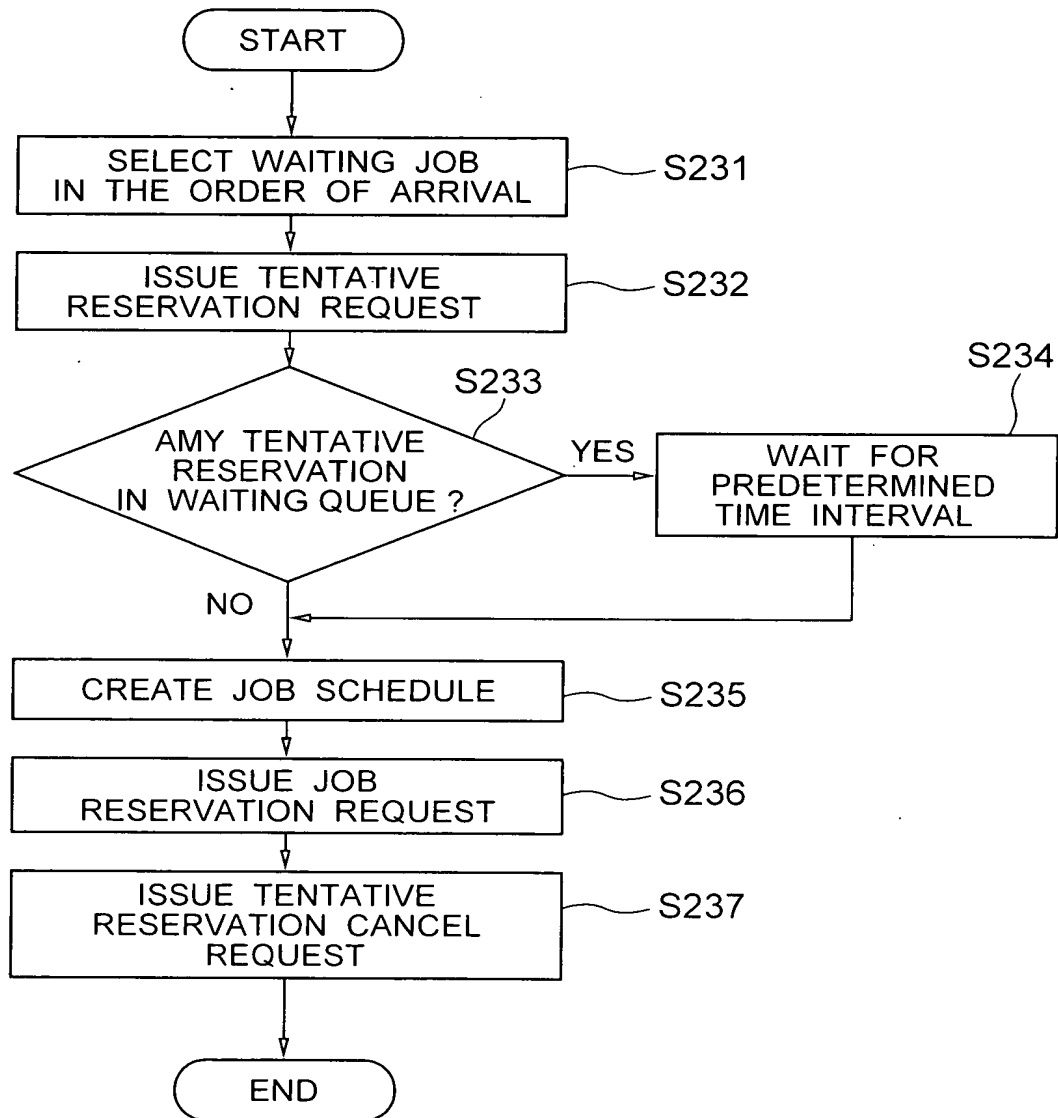


FIG.15

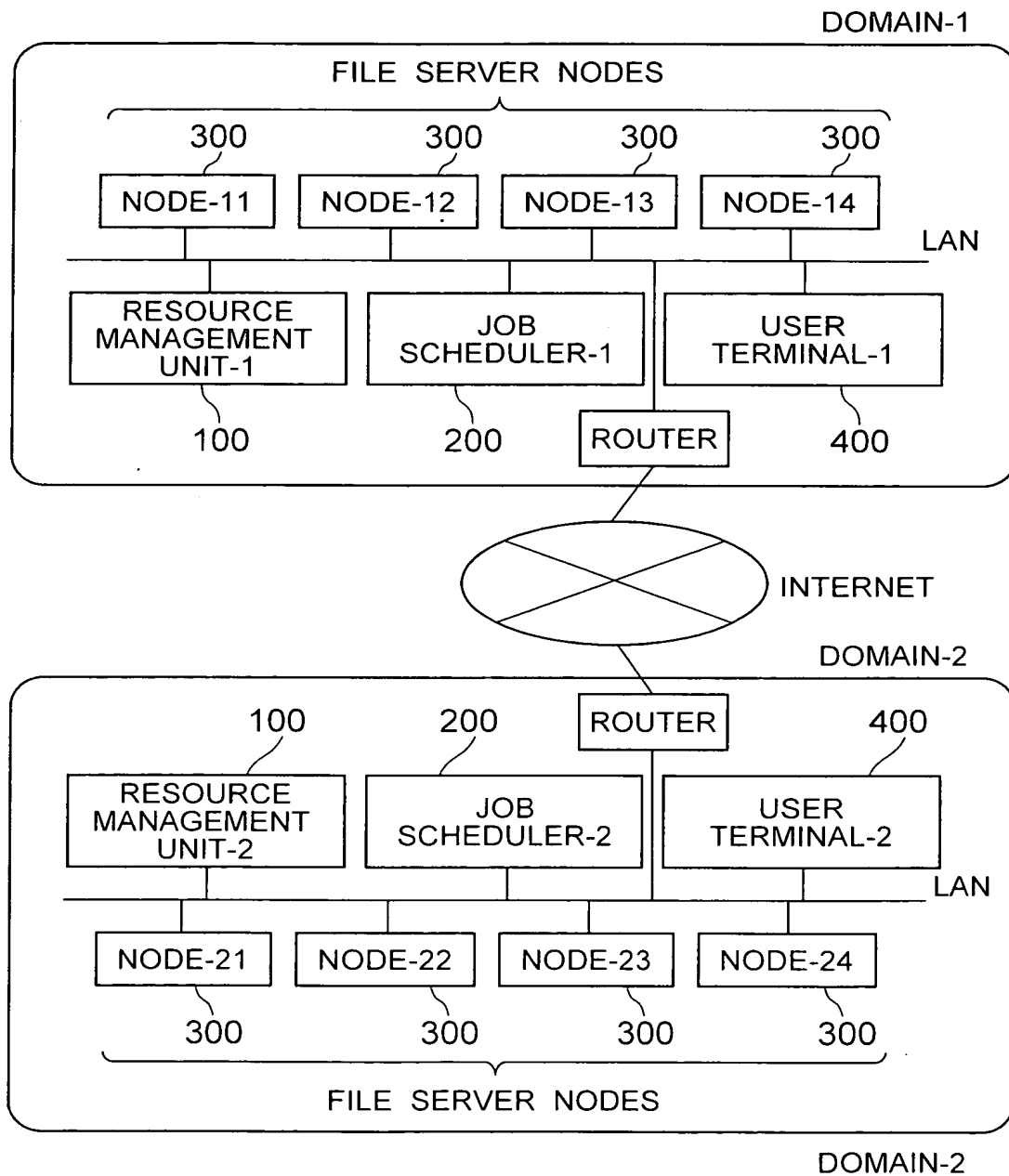


FIG.16

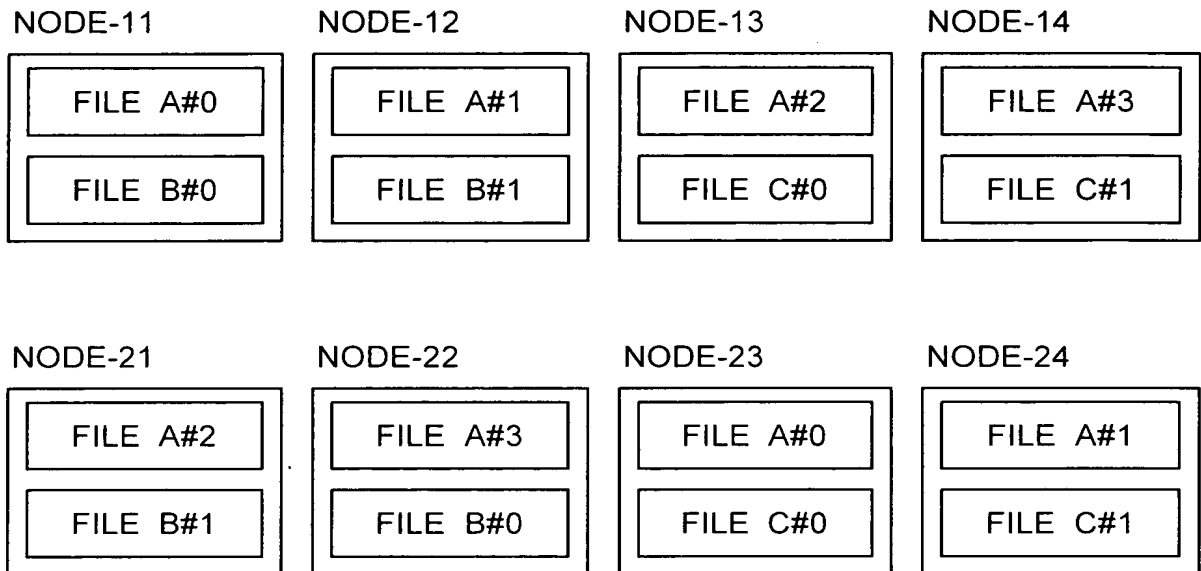


FIG.17

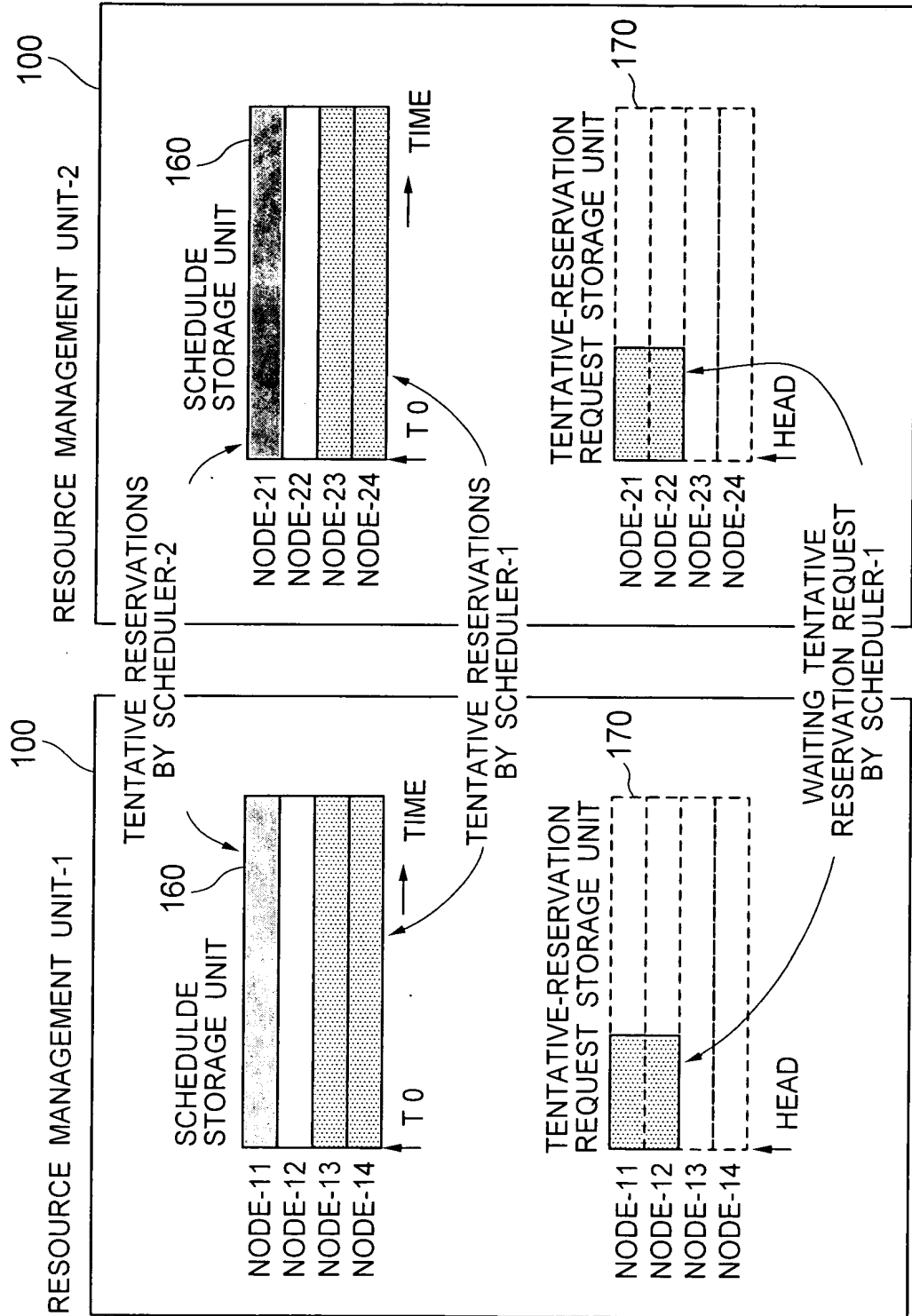


FIG.18

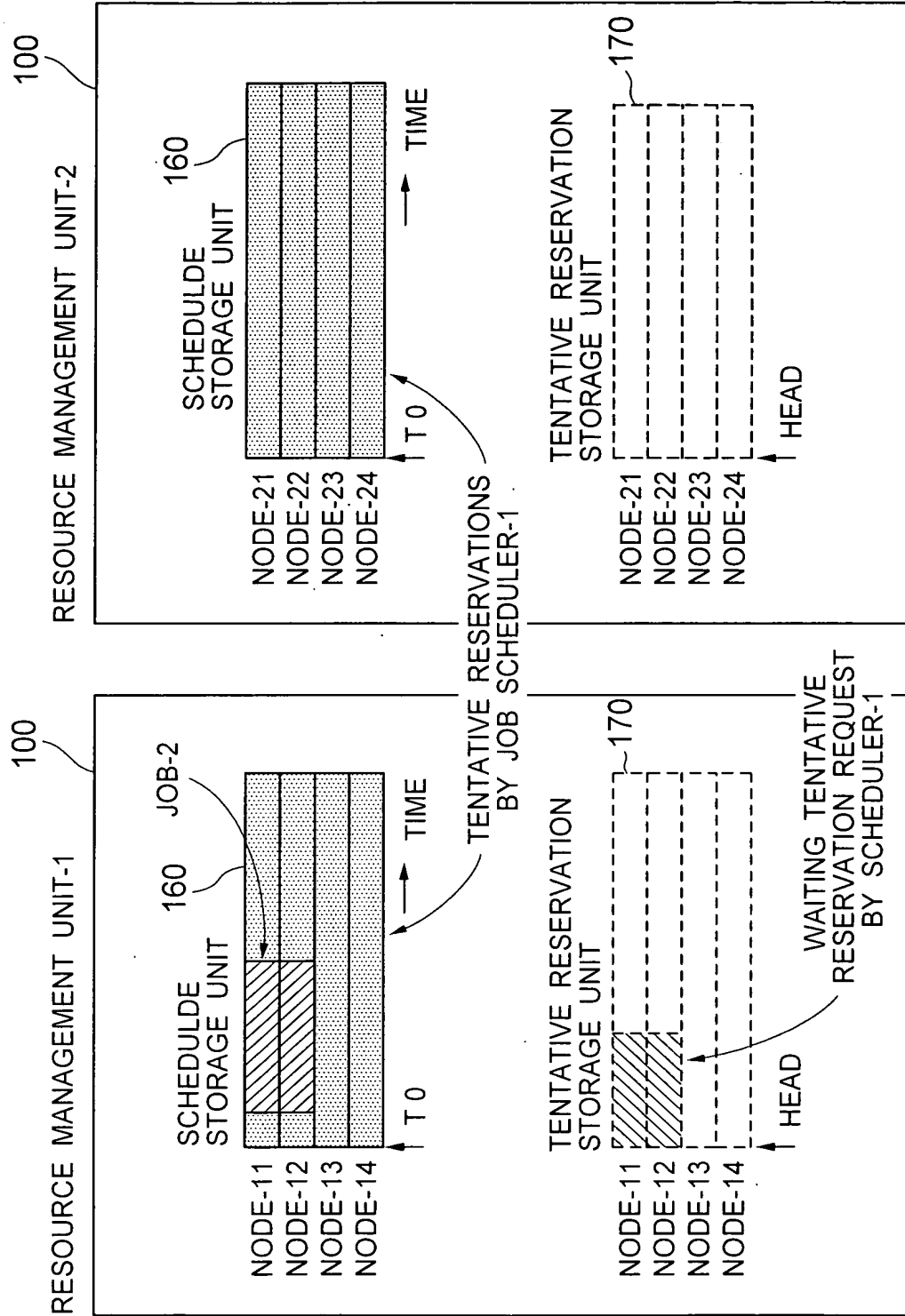


FIG.19

SCHEDULE
STORAGE UNIT IN RESOURCE
MANAGEMENT UNIT-1

NODE-11		JOB-2 OBJECT:FILE B#0	
NODE-12		JOB-2 OBJECT:FILE B#1	
NODE-13			
NODE-14			

SCHEDULE
STORAGE UNIT IN RESOURCE
MANAGEMENT UNIT-2

NODE-21		JOB-1 OBJECT:FILE A#0	
NODE-22		JOB-1 OBJECT:FILE A#1	
NODE-23		JOB-1 OBJECT:FILE A#2	
NODE-24		JOB-1 OBJECT:FILE A#3	

↑ T 0 → TIME

FIG.20

SCHEDULE
STORAGE UNIT IN RESOURCE
MANAGEMENT UNIT-1

NODE-11		JOB-2 OBJECT:FILE B#0	
NODE-12		JOB-2 OBJECT:FILE B#1	
NODE-13		JOB-1 OBJECT:FILE A#2	
NODE-14		JOB-1 OBJECT:FILE A#3	

SCHEDULE
STORAGE UNIT IN RESOURCE
MANAGEMENT UNIT-2

NODE-21		JOB-1 OBJECT:FILE A#0	
NODE-22		JOB-1 OBJECT:FILE A#1	
NODE-23			
NODE-24			

↑ T 0

→ TIME

FIG. 21

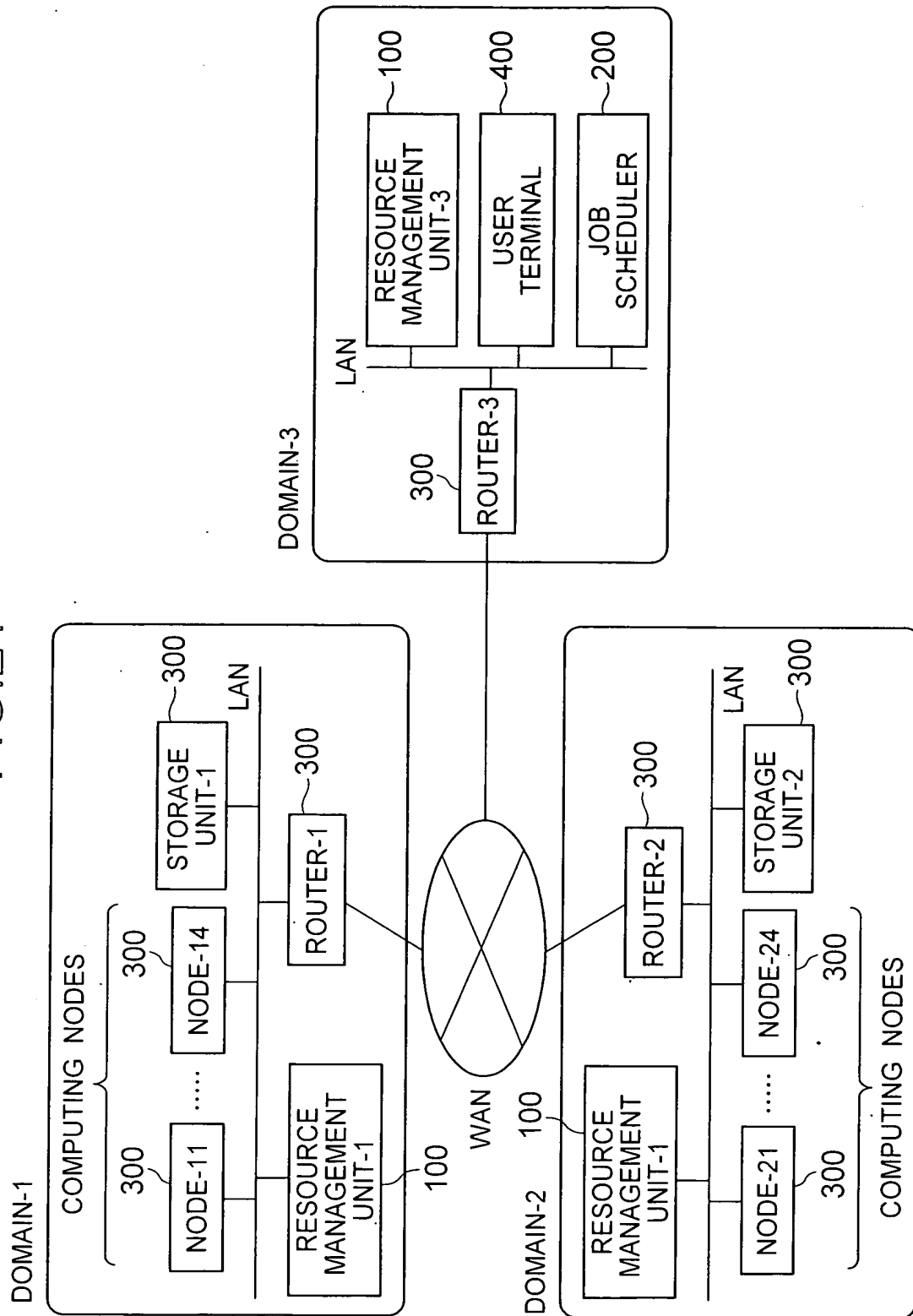


FIG.22

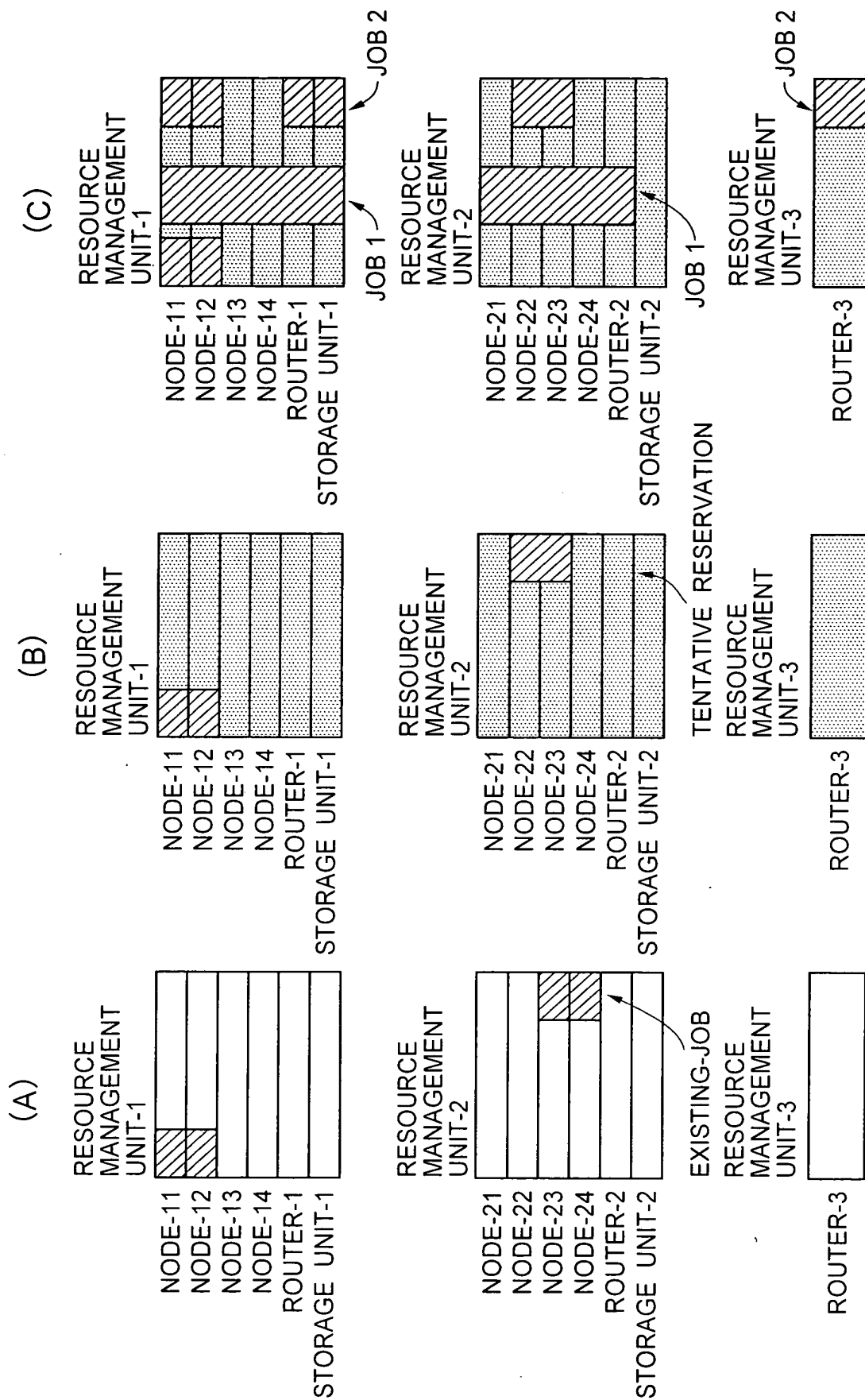


FIG.23

